

FIGURE 1

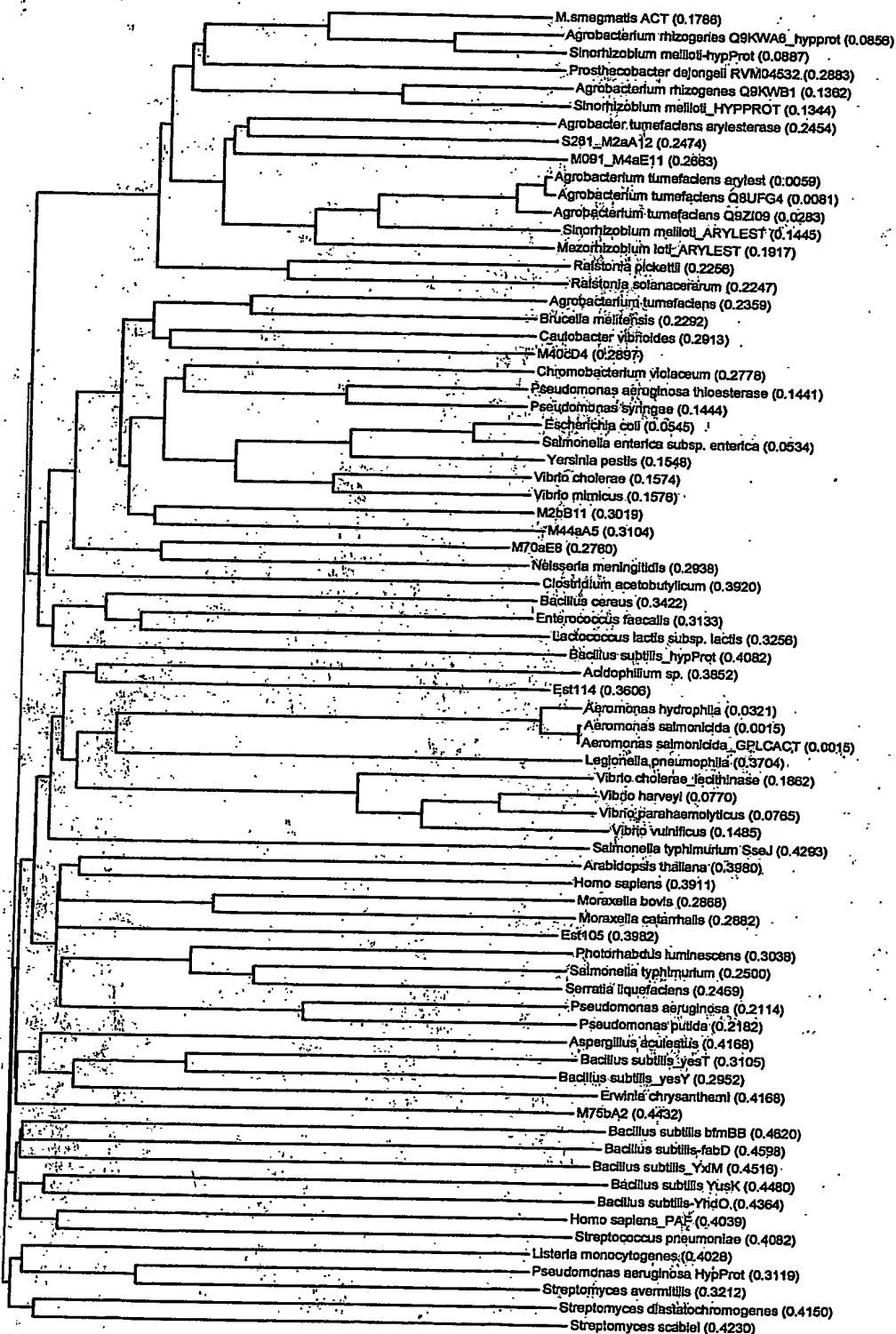


FIGURE 2

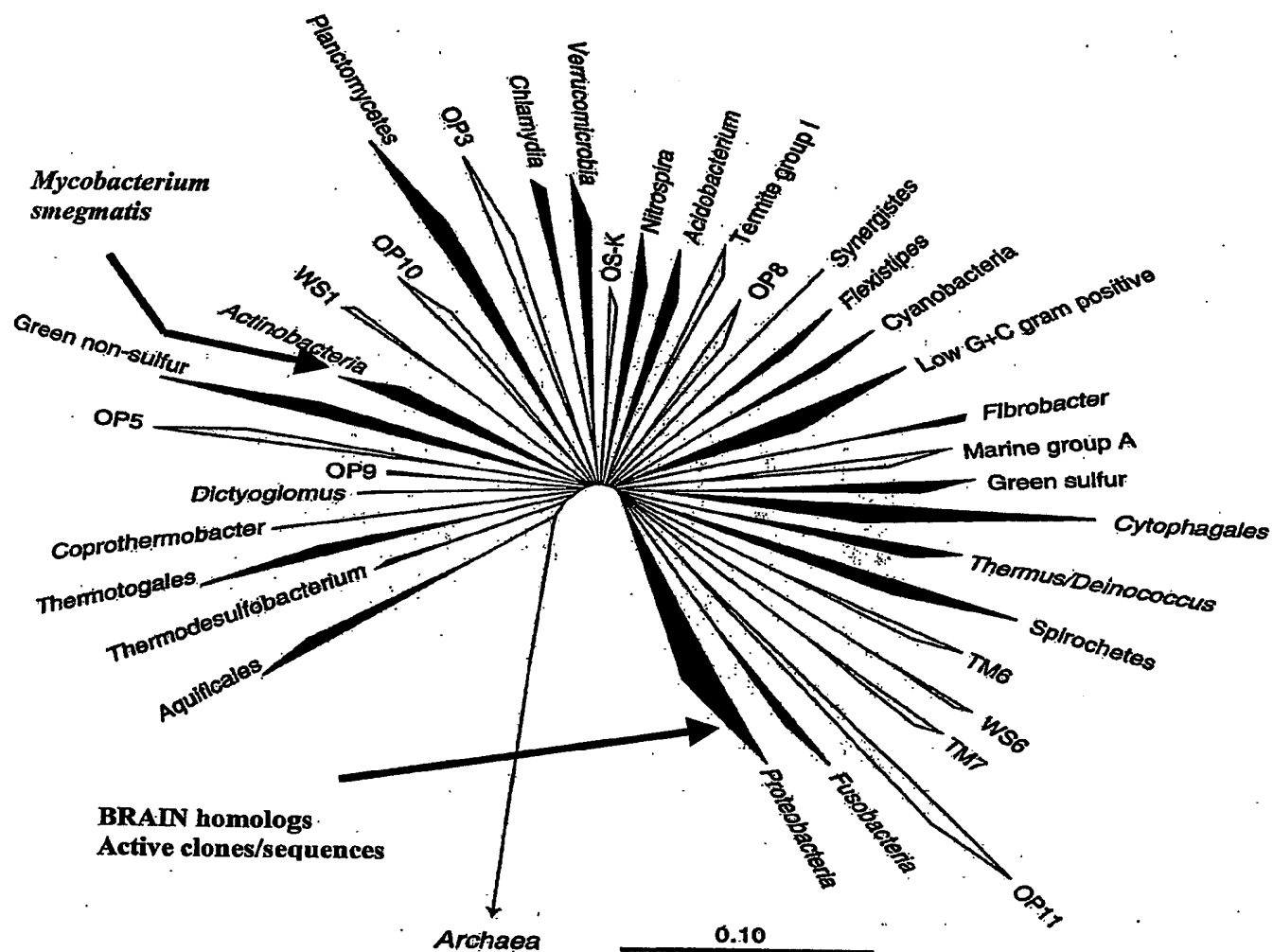


FIGURE 3



FIGURE 4

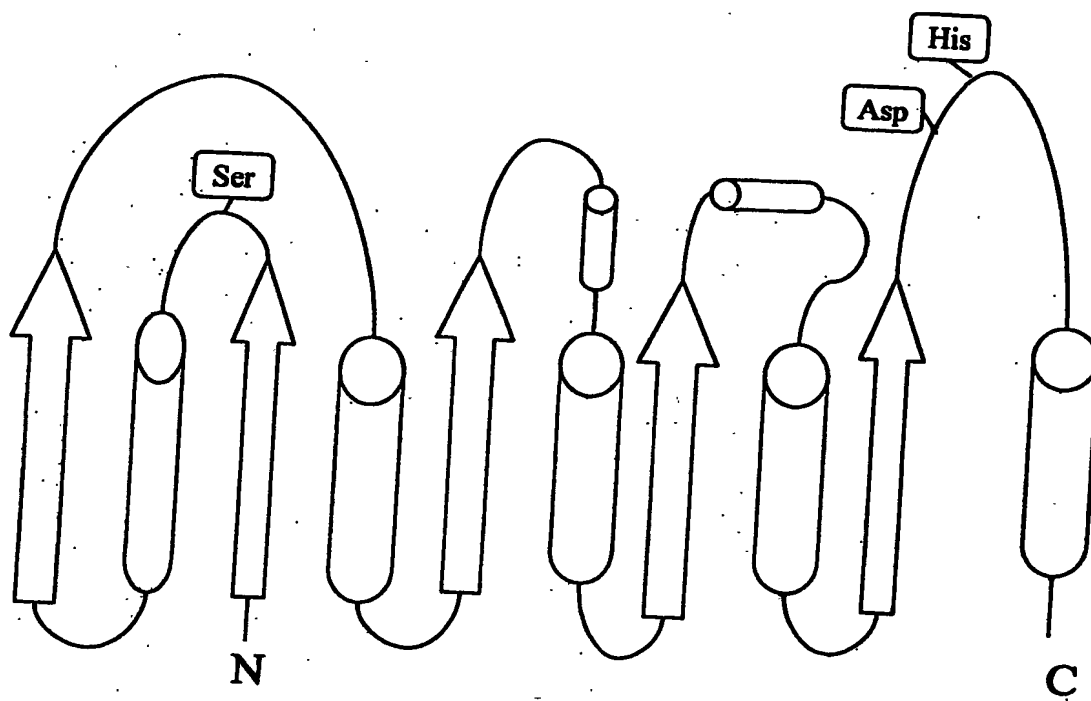


FIGURE 5

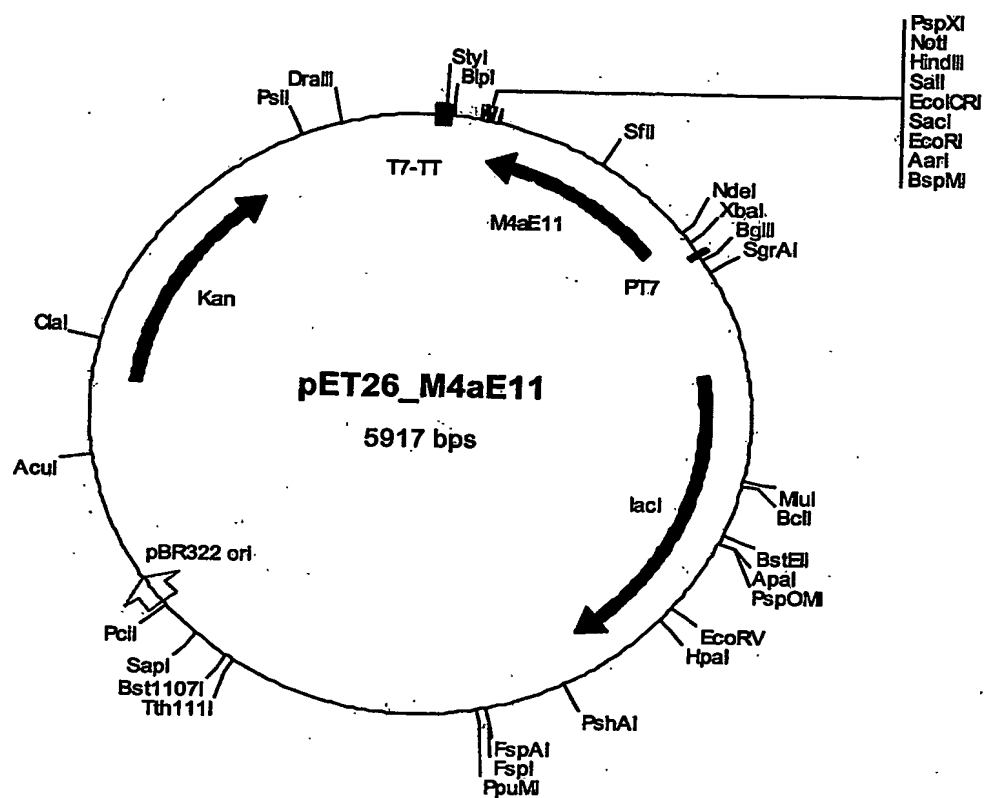


FIGURE 6

| | Volume (ml) | Protein (mg/ml) | Total Protein (mg) | pNB Activity d410/min/ml | SpAc d410/min/mg | Total activity d410 | Recovery (%) | Purification (fold) |
|------------------|----------------|--------------------|-----------------------|-----------------------------|---------------------|------------------------|-----------------|------------------------|
| Crude extract | 128 | 7.5 | 960 | 3840 | 512 | 491520 | 100 | 1.0 |
| 55C 10min | 118 | 5.4 | 637 | 3760 | 696 | 443680 | 90 | 1.4 |
| Phenyl seph | 241 | 0.37 | 89 | 1700 | 4595 | 409700 | 83 | 9.0 |
| HQ Anion | 0.74 | 22.7 | 17 | 250000 | 11013 | 185000 | 38 | 21.5 |

FIGURE 7

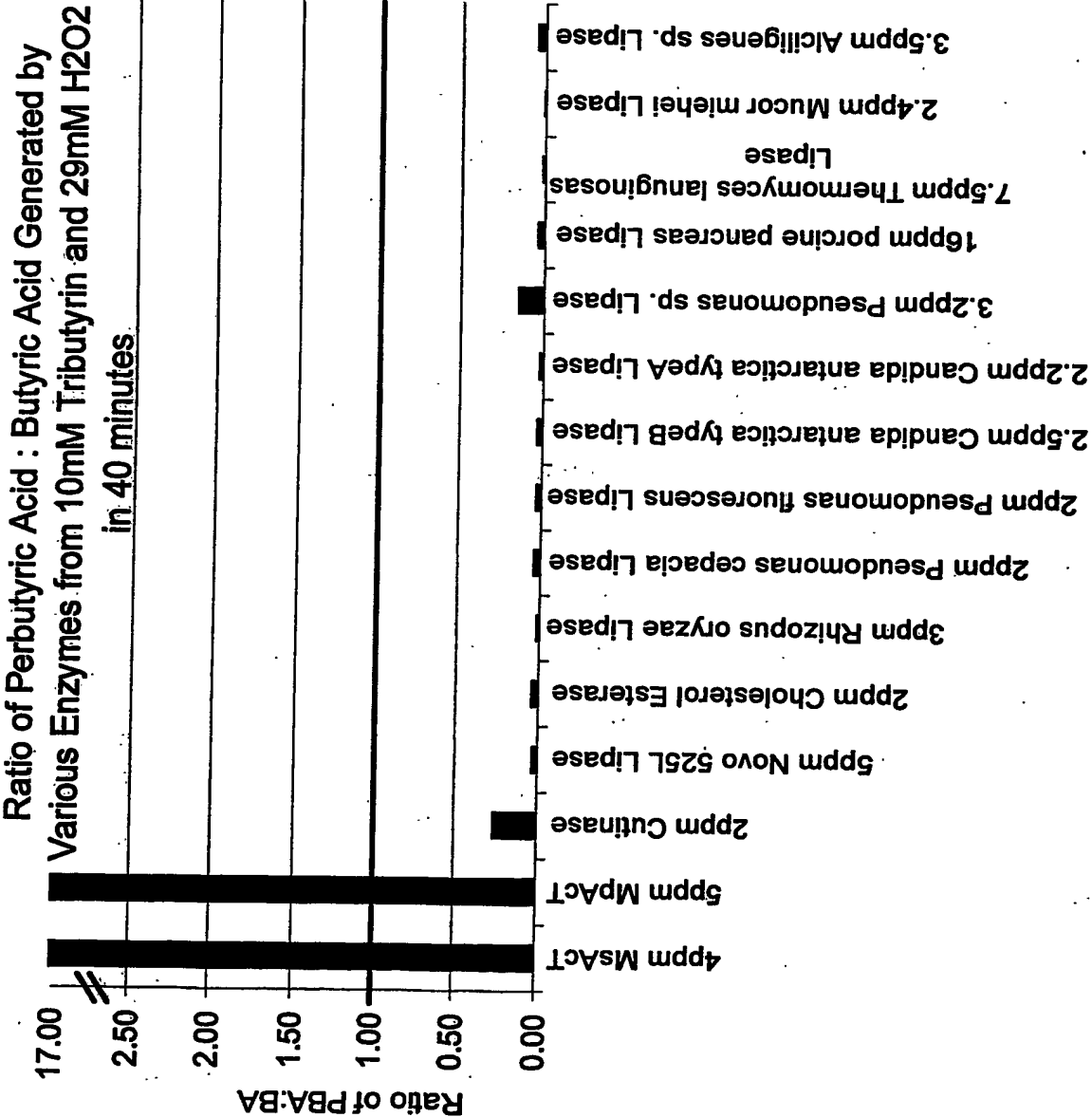


FIGURE 8

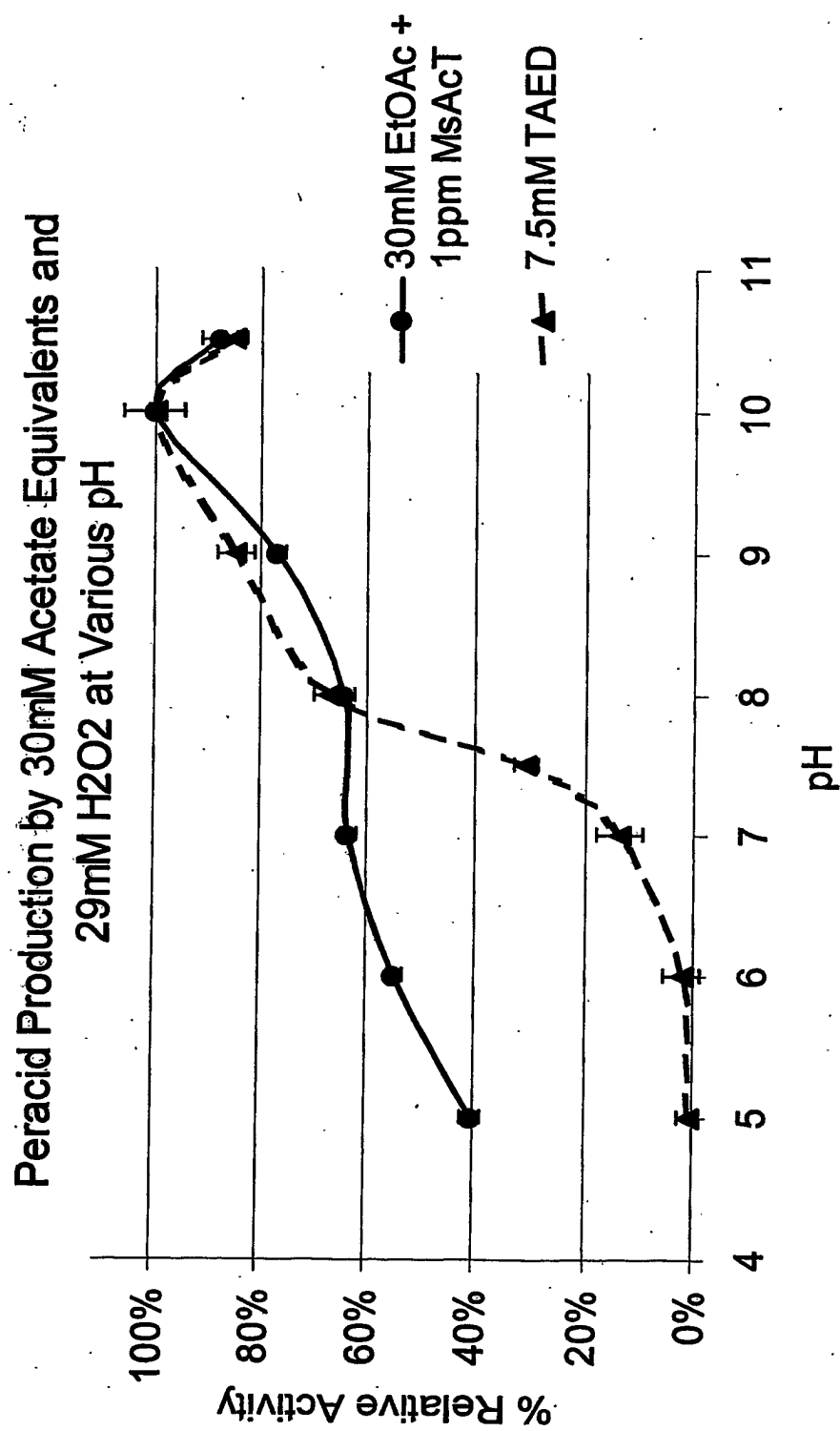


FIGURE 9

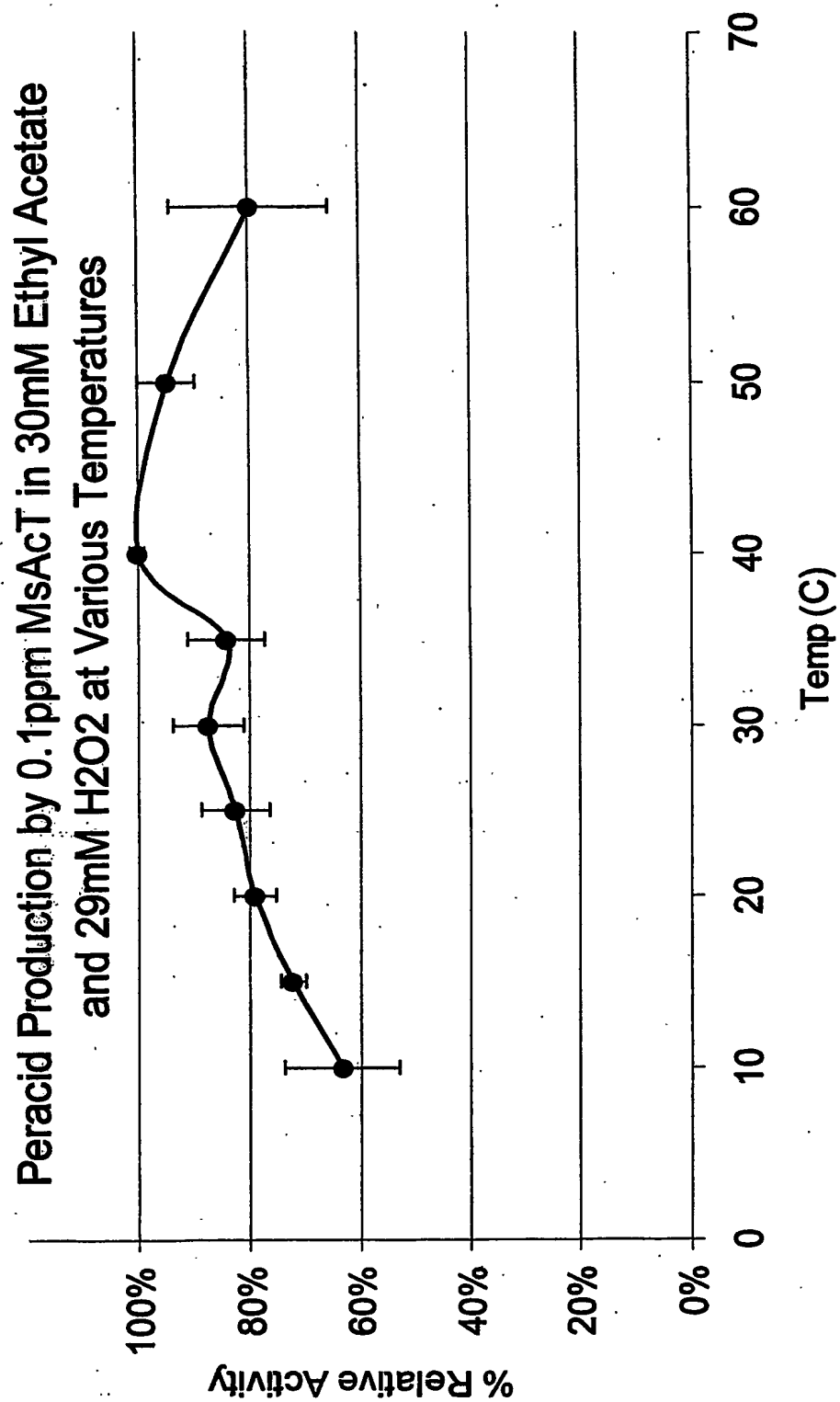


FIGURE 10

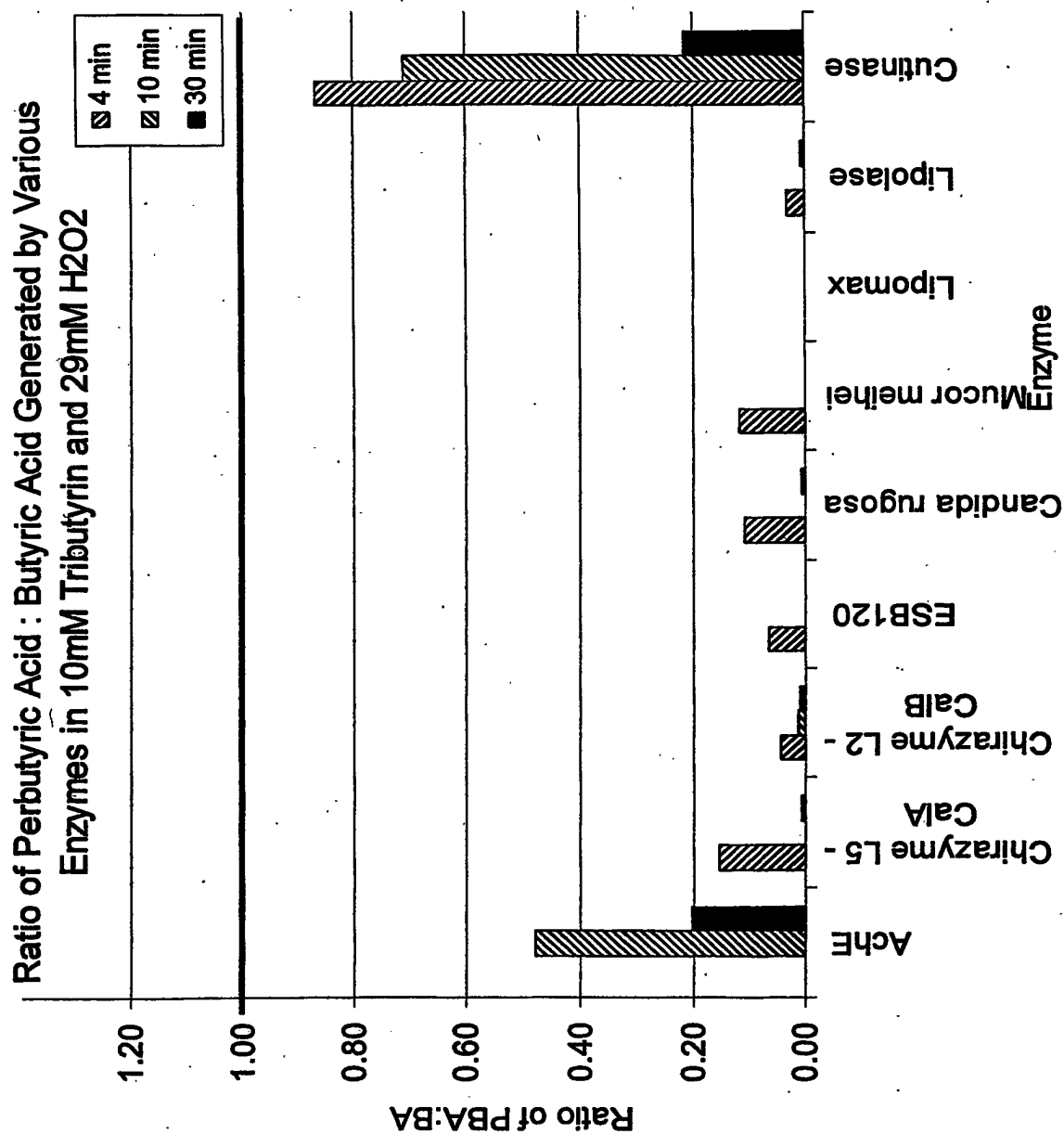


FIGURE 11

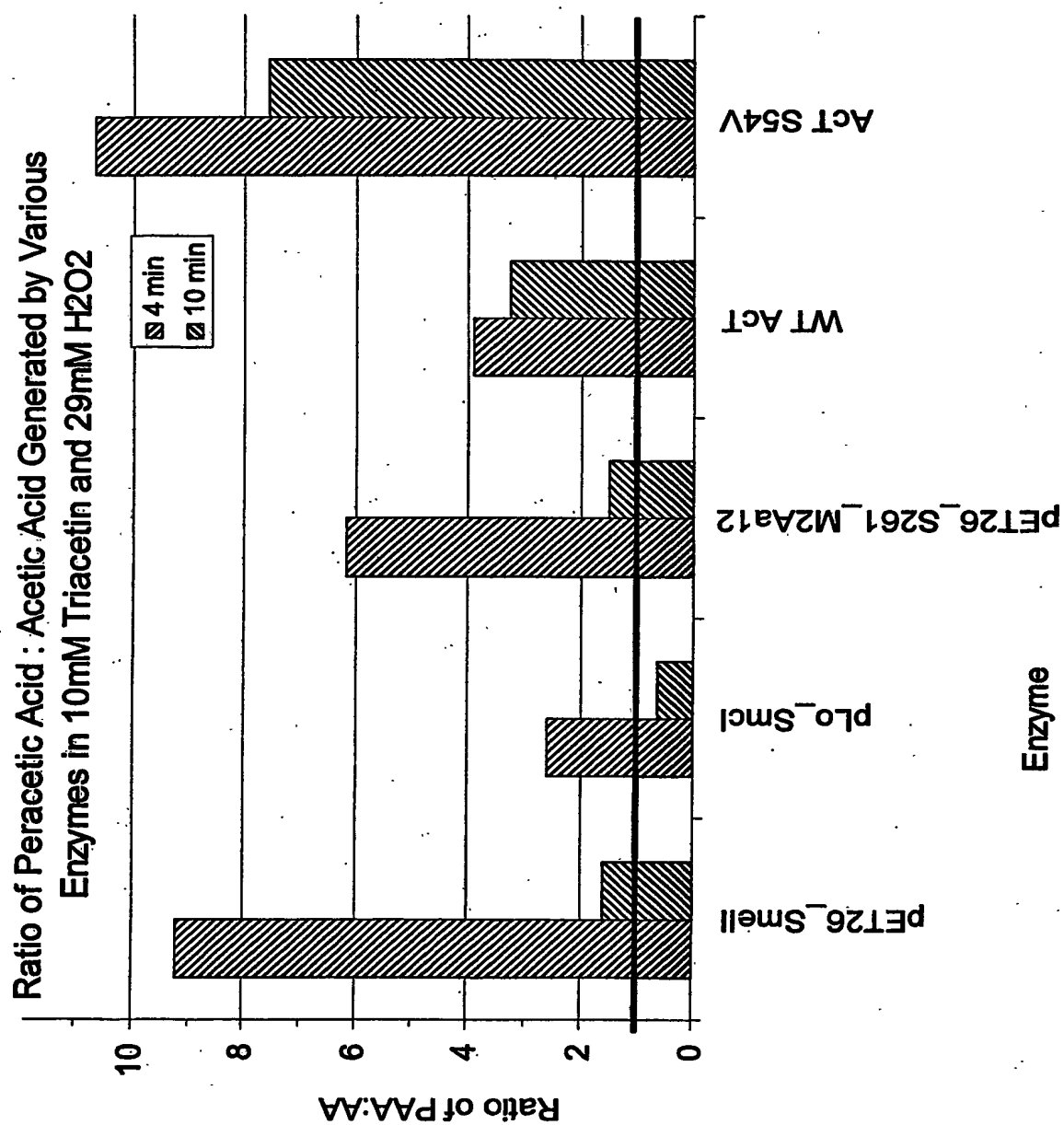


FIGURE 12

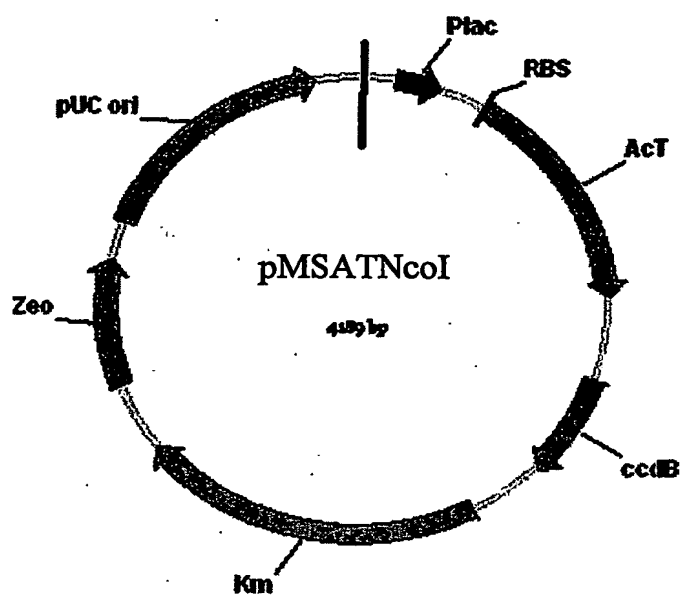


FIGURE 13

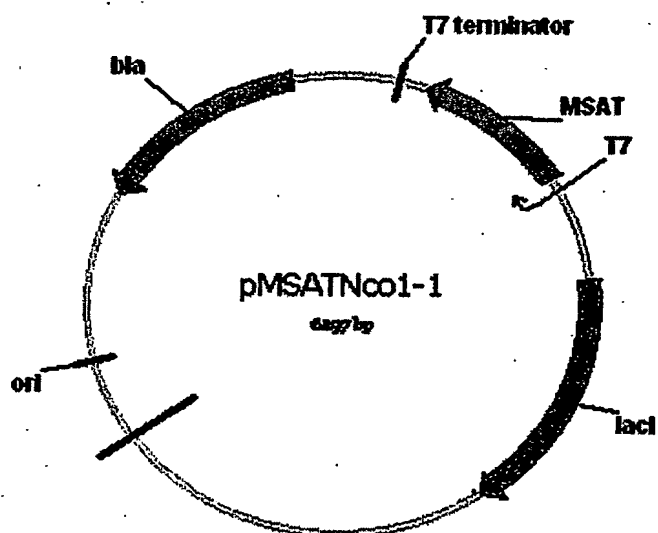


FIGURE 14

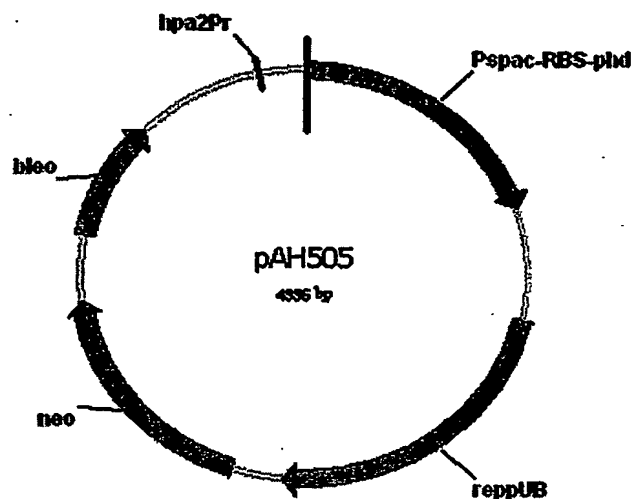


FIGURE 15

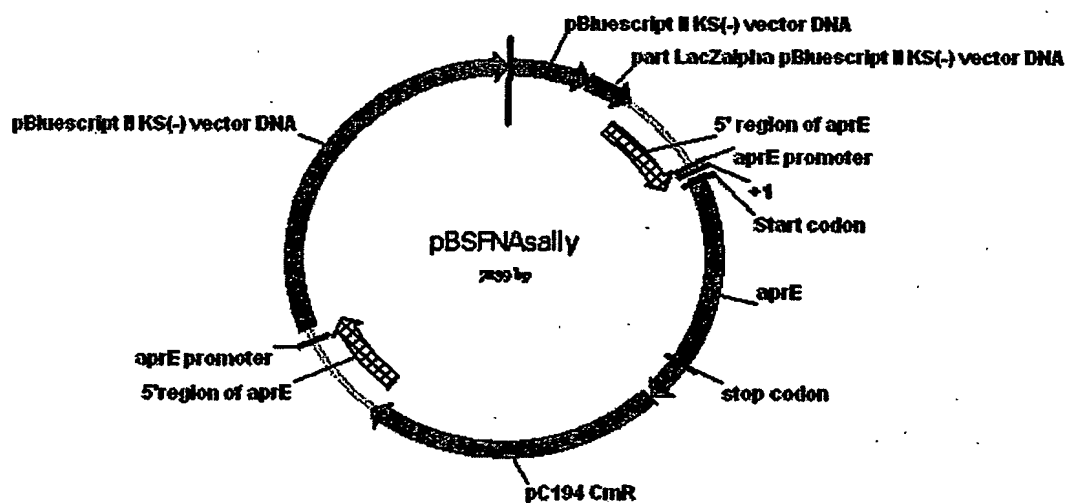


FIGURE 16

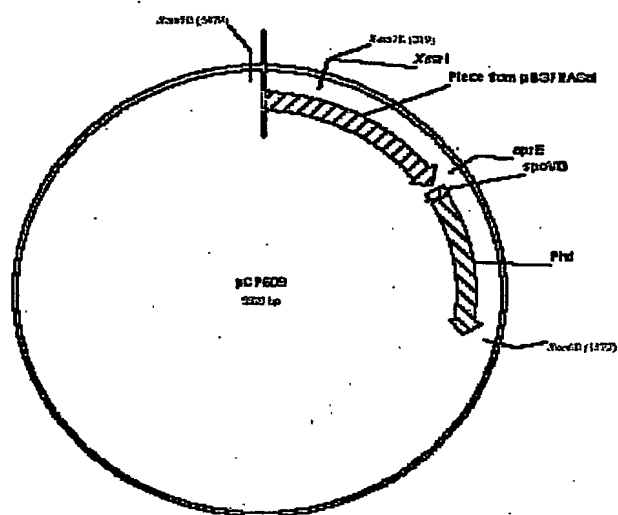


FIGURE 17

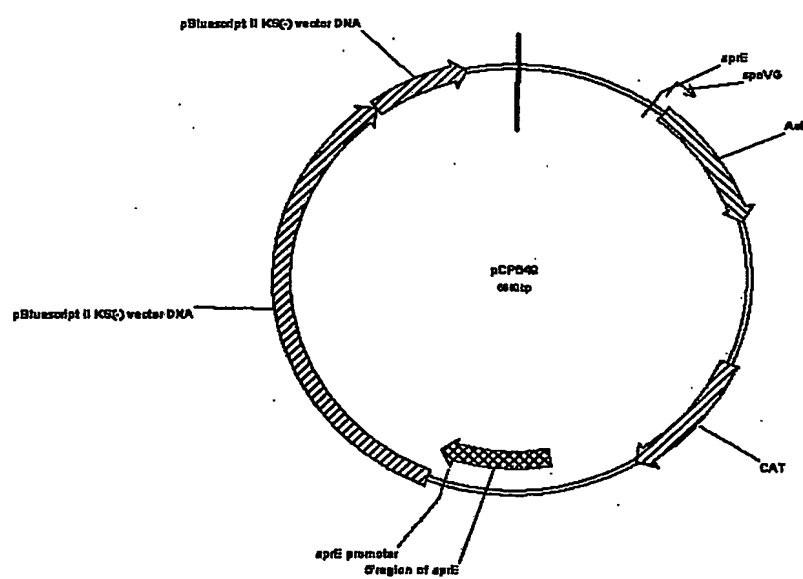


FIGURE 18

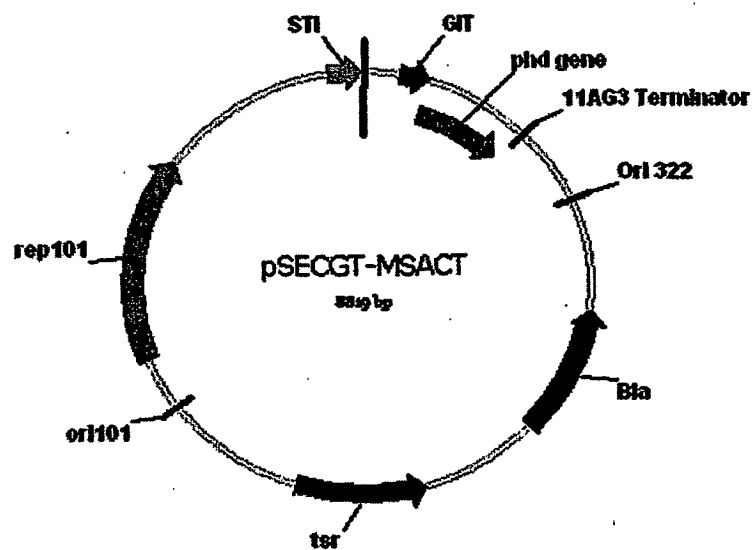


FIGURE 19

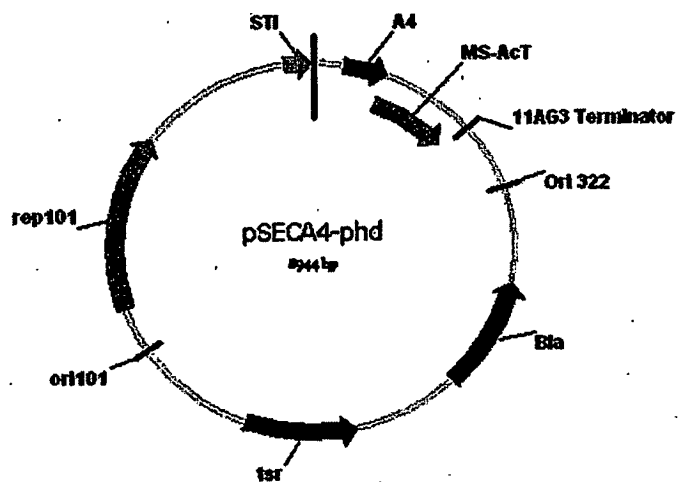


FIGURE 20

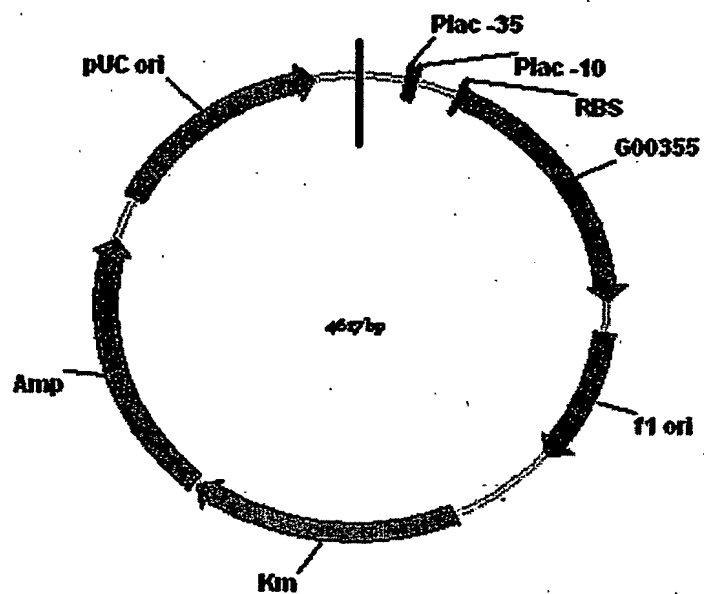


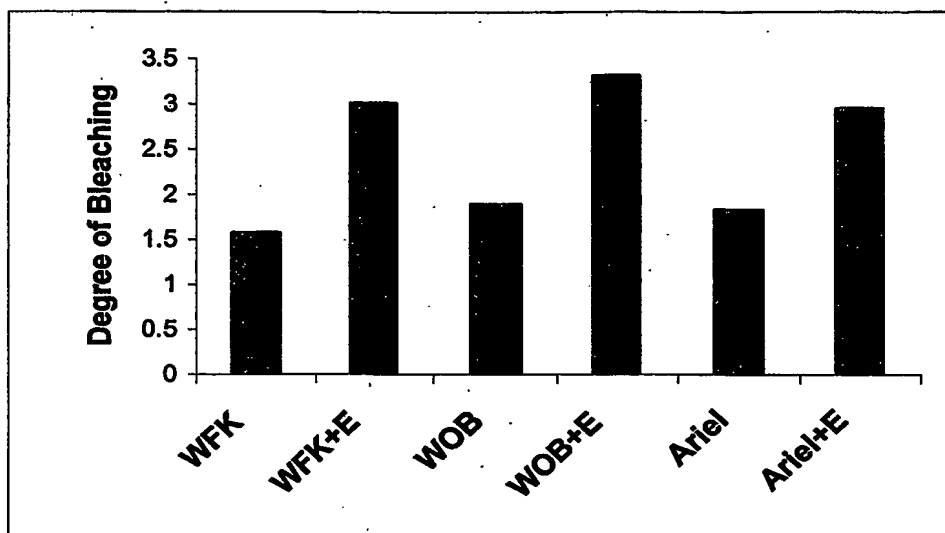
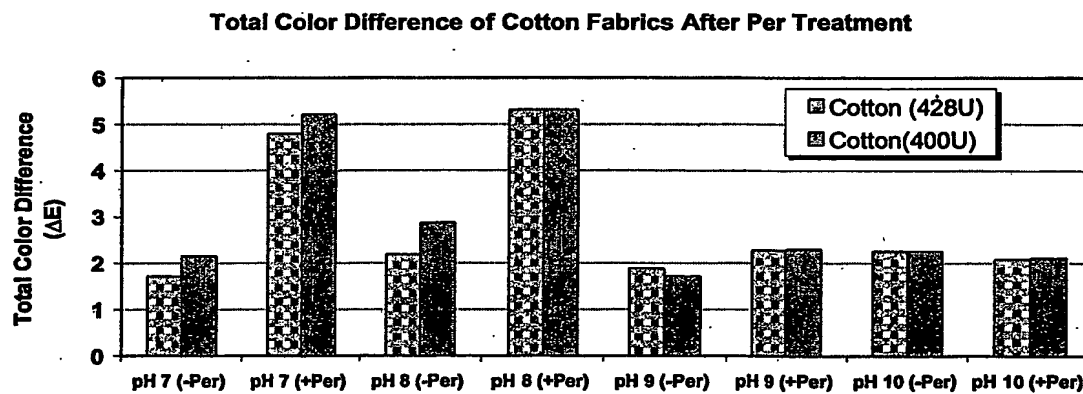
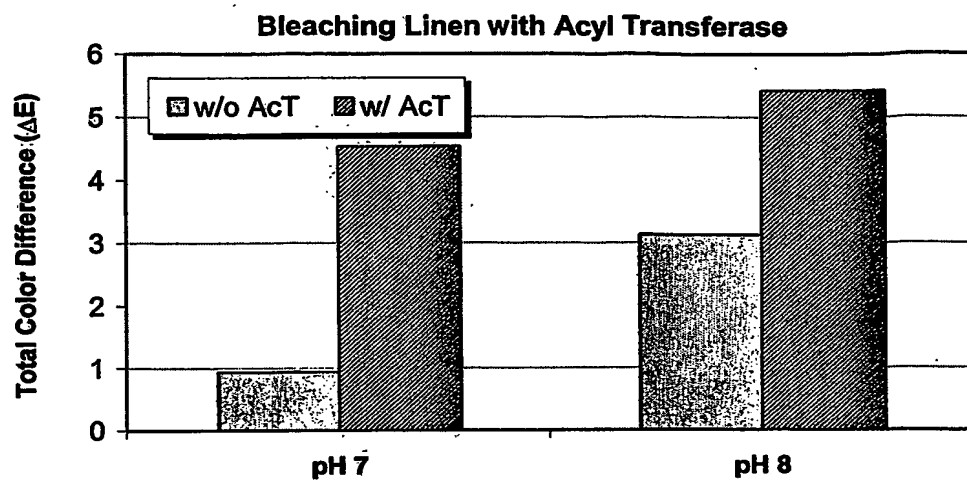
FIGURE 21**FIGURE 22**

FIGURE 23

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